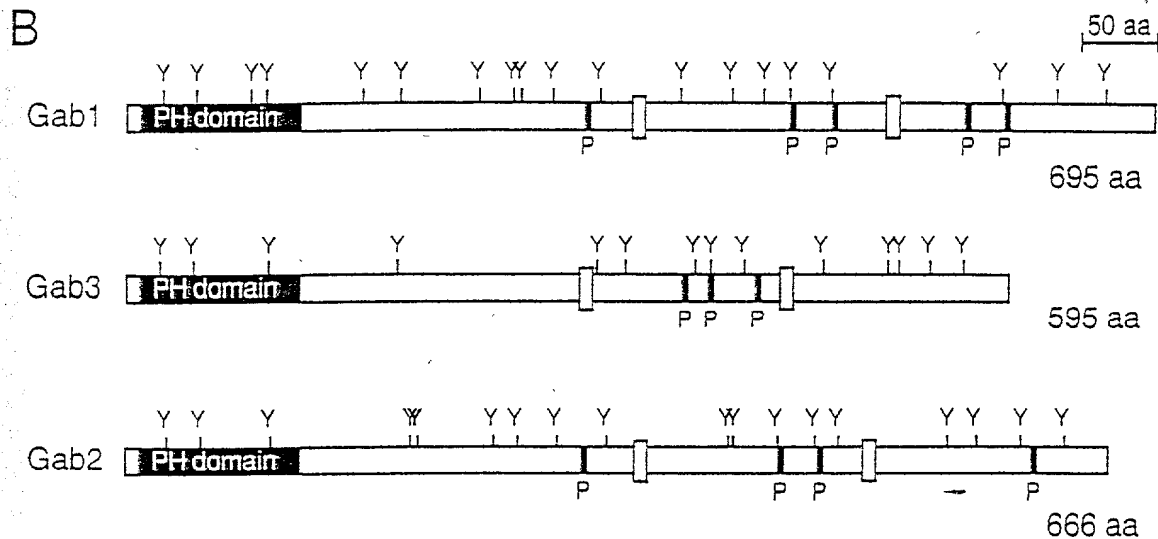


Human	MSAGDAVCTGWLKSPPERKLQRYAWRKRWFVLRRGRMSGNPDVLEYRNRKHSSKPIRV	60
Murine	MSTGDVTVCMGWLIKSPPERKLQRYAWRKRWFVLRRGRMSGNPDVLEYRNRKHSSKPIRV	60
	:*:*:* *:*****:*****:*****:*****:*****:	
Human	DLSECAVWKHVGPSFVRKEFQNNFVFIVKTTSRTFYLVAKTEQEMQVWVHSISQVCN	120
Murine	DLSECTVWKHAGPGFIRKEFQKNFVFIVKTTSRTFYLVAKTEEMQVWVHSISQVCN	120
	*****:*****.*:*:*:**:*****:*****:*****:*****:*****:*	
Human	LEDGADSMESLSYTPSSLQPSSASSLLTAHAASSSLPRDDPNTNAVATEETRSESELLFL	180
Murine	LEDGADSMESLSHMPSSFQSPASSLHTVHVANSALLKDGNNSVVTEETRESEFLFL	180
	*****:*****:***:*:*.*.*.*.*:*:* ***:*.***** ***:***	
Human	PDYLVLSNCETGRLHHTSLPTRCDSWSNSDRSLEQASFDDEVVDCLQLPSSHVLVHPSCH	240
Murine	PDYLIILSNCEGTGLHHASLPTRCDSWSNSNHSLAQTSEDDVFLDGLQPFISNNLVHPLHH	240
	****:*****:*****:*****:*** *:*:*:*:* *:*:*:*:* *	
Human	GSGAQEVPPSRPQAALIWSREINGPPRDHLSSSPLESSLSSTIQVDKNQGSLPCGAKEL	300
Murine	GKVSQDFPSIRPQASLIWNREINGPSRNLMSSSPLESSLNPTVHVEEKQVSLPSGVKEL	300
	.::*:* *****:***:*****.*: :*****.....*:::*: *~~~.	
Human	DIMSNTPPPRPKPSSHLSEERRQEE--WSTHSGSKKPECTLVPRRISLSGLDNMRTWKADV	358
Murine	NIMSNIPPPRPKPSSYLSEQRQDQPLLTHGSSNKKGPMVPRRISLSGLDHVGSWKGDV	360
	:**** *****:***:*:*: : **..*** *:*****: :**.**	
Human	EGQSLRHRDKRLSLNLPCRFS[PMY]PTASASIEDSYV[PMSE]QAGASGLPHCSPDDYIPMN	418
Murine	QSQSLRHRDKRLSLNLPCRFS[PIY]PTASPAEDSYV[PMSE]KGTASELRPHCSQDDYIPMS	420
	:.*****:***:*****.* *****:.. ** * **** *****.	
Human	SGSISSP[LPELFANLE][PPPVNRDLKE]QRKS[RPPPLDLRNL]SIIREHASLTRTRTVPCSR	478
Murine	S---SML[PPELFADLE][PPPVNRNLKE]QRKS[RPPPLDSRNL]STIQEHTSLTRTYTVPCNRT	476
	* * *****:*****:*****:***** ***** *:***:***** *****.**	
Human	SFLSPERNGINARSFFAN[PVSREDEES]-----[YIEME]EHRTASSLSSGALTWT	527
Murine	SFLSPQRNGINCARLFSTP[SEEEEEEEEEEEEEEEEE]EKYIQMEEYGT[VSSLSRSALS]SWT	536
	*****:*****.*:*:*.* ..*:*.* ***:***: *.***** .**:*~*	
Human	KFSLDYALDFNSASPAPMQOKLLLSEEQRVDYVQVDEQKTOALQSTKQEWTDERQSKV	586
Murine	KFSLDYALDFNSTSPAPVQKKLLLSEEQRVDYVQVDEQKTOAFRSTKQAWTDERQSKV	595
	*****:*****:*****:*****:*****:*****:*****:*****:*****	

Figure 1A



C

Gab3	MSTG--D-TVCMGWLIKSPPERKLQRYAWRKRWFVLRGR	37
Gab2	MSGGGDDVVCTGWLKSPPEKKLRRYAWKKRWFILRSGR	40
Gab1	MSGG--E-VVCSGWLRKSPPEKKLKRYAWKRRWFVLRSGR	37
	** * : . ** *** *****: ** : ***** : : ***** : ** **	
Gab3	MSGNPDVLEYYRNKHSNKPIRVIDLSECTVWKHAGPGFIR	77
Gab2	MSGDPDVLEYYKNEHSKKPLRIINLNLCEQVD-AGLTFNK	79
Gab1	LTGDPDVLEYYKNDHAKKPIRIIDLNLCCQQVD-AGLTFNK	76
	: : * : ***** : * . * : : * : * : * : * . * . ** *	
Gab3	KEFQKNFVFIVKTTSRTFYLVAKTEEEMQVWVHSISQVCN	117
Gab2	KELQDSFVFDIKTSERTFYLVAEETADMNKWVQSICQICG	119
Gab1	KEFENSYIFDINTIDRIFYLVADSEEDMNKWVRCICDICG	116
	** : : . : : * : : * . * ***** : * : : * : * : . : : *	

Figure 1B and C